



# PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 10:34 (UTC)

MOTION & CONTROL  
**NSK**



## 22328CAME4

### Spherical Roller Bearings

#### Parts Number

22328CAME4C3

#### Boundary Dimensions

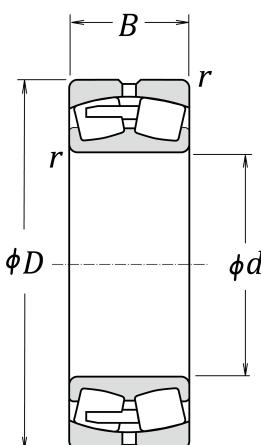
d	140	mm	Bore diameter
D	300	mm	Outside diameter
B	102	mm	Width
r (min.)	4	mm	Chamfer dimension

#### Basic Load Ratings

Cr	1450000	N	Basic dynamic load rating
C0r	1590000	N	Basic static load rating

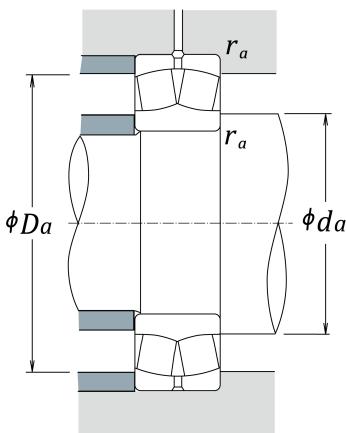
#### Speeds

Thermal Speed Rating (Oil-bath)	1700	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	2400	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1200	min-1	Grease lubrication
Oil (Oil-bath)	1500	min-1	Oil-bath lubrication



#### Abutment and Fillet Dimensions

da (min.)	158	mm	Diameter of shaft abutment
Da (min.)	253	mm	Diameter of housing abutment
Da (max.)	282	mm	Diameter of housing abutment
ra (max.)	3	mm	Radius of shaft or housing fillet



#### Calculation factors

e	0.35	Constant
Y2	2.9	Axial load Factors
Y3	1.9	Axial load Factors
Y0	1.9	Axial load Factors

#### Mass

Mass approx.	35.4	kg	Mass approx.
--------------	------	----	--------------